

1 Amendments to the Claims:

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3 Please amend claims 1, 9 and 17 as indicated below. The state of the claims
4 following this Amendment "A" is as follows:

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6 Claim 1 (currently amended). A method for automated testing of a graphical user
7 interface (GUI) of a program, said method comprising:

8 creating a test case file comprising a plurality of test steps in a text format; and
9 executing a test harness with said test case file as input to said test harness, said
10 test harness configured to execute one of a plurality of automated tests in response to
11 one of a plurality of test steps, each automated test configured to test a corresponding
12 user interface element of said program through a GUI map, said GUI map configured to
13 define a logical name for each user interface element of said program.

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14 Claim 2 (original). The method for automated testing of a GUI of a program according to
15 claim 1, wherein each test step comprises an object, an action, and an identification
16 reference.

17 Claim 3 (original). The method for automated testing of a GUI of a program according to ^{Claim 2}
18 wherein each test step further comprises an optional field value.

19 Claim 4 (original). The method for automated testing of a GUI of a program according to
20 claim 3, wherein each test step further comprises an error recovery value.

21 Claim 5 (original). The method for automated testing of a GUI of a program according to
22 claim 1, further comprising:

23 generating said GUI map of said program by extracting a logical name, a physical
24 name, an identification, and an ordinal value for each user interface element of said
25 program.

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1 Claim 6 (original). The method for automated testing of a GUI of a program according to
2 claim 1, further comprising:

3 generating said GUI map of said program from one of a prototype of said
4 program, a design document of said program and an earlier version of said program.

5 Claim 7 (original). The method for automated testing of a GUI of a program according to
6 claim 1, wherein:

7 each automated test is further configured to retrieve and to execute at least one
8 of a plurality of associated reusable functions in response to said one of said plurality of
9 test steps.

10 Claim 8 (original). The method for automated testing of a GUI of a program according to
11 claim 1, further comprising:

12 outputting results of the execution of said plurality of automated tests in response
13 to said test file.

14 Claim 9 (currently amended). A system for automated testing of a graphical user
15 interface (GUI) of an application, said system comprising:

16 at least one processor;
17 a memory coupled to said at least one processor;
18 a test harness residing in said memory and executed by said at least one
19 processor, wherein said test harness is configured to execute one of a plurality of
20 automated tests in response to one of a plurality of test steps of a text format test data
21 file, each automated test configured to test a corresponding user interface element of
22 said application through a GUI map, said GUI map configured to define a logical name
23 for each user interface element of said application.

24 Claim 10 (original). The system for automated testing of a GUI of an application
25 according to claim 9, wherein each test step comprises an object, an action, and an
identification reference.

Claim 11 (original). The system for automated testing of a GUI of an application
according to claim 10, wherein each test step further comprises an optional field value.

1 Claim 12 (original). The system for automated testing of a GUI of an application
2 according to claim 11, wherein each test step further comprises an error recovery value.

3 Claim 13 (original) The system for automated testing of a GUI of an application
4 according to claim 9, wherein said GUI map of said application is generated with a GUI
5 analyzer configured to extract a logical name, a physical name, an identification and an
6 ordinal value for each user interface element of said application.

7 Claim 14 (original). The system for automated testing of a GUI of an application
8 according to claim 9, wherein said GUI map of said application is generated from one of
9 a prototype of said application, a design document of said application, and an earlier
10 version of said application.

11 Claim 15 (original). The system for automated testing of a GUI of an application
12 according to claim 9, wherein each automated test is further configured to retrieve and
13 to execute at least one of a plurality of associated reusable functions in response to said
14 one of said plurality of test steps.

15 Claim 16 (original). The system for automated testing of a GUI of an application
16 according to claim 9, wherein said test harness is further configured to generate an
17 output file configured to contain results of said execution of said plurality of automated
18 tests in response to said test file.

19 Claim 17 (currently amended). A computer readable storage medium on which is
20 embedded one or more computer programs, said one or more computer programs
21 implementing a method for automated testing of a graphical user interface (GUI) of an
22 application, said one or more computer programs comprising a set of instructions for:

22 creating a test case file comprising a plurality of test steps in a text format; and
23 executing a test harness with said test case file as input to said test harness, said
24 test harness configured to execute one of a plurality of automated tests in response to
25 one of a plurality of test steps, each automated test configured to test a corresponding
user interface element of said program through a GUI map, said GUI map configured to
define a logical name for each user interface element of said program.

1 Claim 18 (original). The computer readable storage medium in according to claim 17,
2 said one or more computer programs further comprising a set of instructions for:

3 generating said GUI map of said program by extracting a logical name, a physical
4 name, an identification, and an ordinal value for each physical element of said program.

5 Claim 19 (original). The computer readable storage medium in according to claim 17,
6 said one or more computer programs further comprising a set of instructions for:

7 outputting an output file configured to contain results of the execution of said
8 plurality of automated tests in response to said test file.

9 Claim 20 (original). The computer readable storage medium in according to claim 17,
10 wherein said one or more computer programs further comprising a set of instructions for:

11 each automated test further configured to retrieve and to execute at least one of
12 a plurality of associated reusable functions in response to said one of said plurality of
test steps.

13 (End of Amendment "A".)

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